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## TRANSMITTAL FORM

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Total Number of Pages in This Submission

2

Application Number

10/649,989

Filing Date

August 27, 2003

First Named Inventor

Vladislav Vashchenko et al.

Group Art Unit

2811

Examiner Name

Unknown

Attorney Docket Number

100-22600 (P05659)

### ENCLOSURES (check all that apply)

Fee Transmittal Form

Fee Attached

Amendment/Response

After Final (Response)

Affidavits/declaration(s)

Extension of Time Request

Express Abandonment Request

Information Disclosure Statement

Certified Copy of Priority Document(s)

Response to Missing Parts/ Incomplete Application

Response to Missing Parts under 37 CFR 1.52 or 1.53

Assignment Papers  
(for an Application)

Drawing(s)

Licensing-related Papers

Petition Routing Slip (PTO/SB/69) and Accompanying Petition

Petition to Convert to a Provisional Application

Power of Attorney By Assignee and Establishment of Right of Assignee to Prosecute Under 37 CFR §3.73(b)

Terminal Disclaimer

Request for Refund

CD, Number of CD(s) \_\_\_\_\_

After Allowance Communication to Group

Appeal Communication to Board of Appeals and Interferences

Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)

Proprietary Information

Status Inquiry

Other Enclosure(s)  
(please identify below):

Return Receipt Postcard  
Certificate of Mailing

### Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
or  
Individual name

Mark C. Pickering, Reg. No. 36,239

Signature

Date

May 28, 2004

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: May 28, 2004

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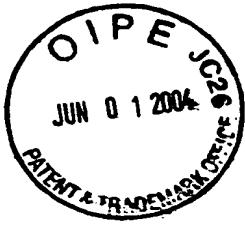
Robin L. King

Signature

Date

May 28, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PATENT  
Attorney Docket No. 100-22600 [P05659]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
APPLICATION FOR UNITED STATES PATENT

In re Patent Application of ) Group Art Unit: Unknown  
)  
Vladislav Vashchenko et al. ) Examiner: Unknown  
)  
Appln. No. 10/649,989 ) POWER OF ATTORNEY BY ASSIGNEE AND  
) ESTABLISHMENT OF RIGHT OF ASSIGNEE  
Filed: August 27, 2003 ) TO PROSECUTE UNDER 37 C.F.R. §3.73(b)  
)  
For: SILICON CONTROLLED RECTIFIER )  
STRUCTURE WITH IMPROVED PUNCH )  
THROUGH RESISTANCE )  
\_\_\_\_\_  
)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

NATIONAL SEMICONDUCTOR CORPORATION, assignee of the entire right, title and interest in the above-identified application by assignment dated August 26, 2003, **which assignment is recorded in the U.S. Patent and Trademark Office at Reel 014447, Frame 0420**, hereby appoints the Law Offices of Mark C. Pickering, a firm composed of: Mark C. Pickering (36,239); and the following members of the National Semiconductor Corporation Intellectual Property Department: Christopher J. Byrne (32,204); Eugene C. Conser (39,149); John Maxin (34,668); Coleman F. Reif (38,593); Allen R. Tremain (40,207); Andrew S. Viger (28,552); and Peter Y. Wang (40,452) as our attorney(s) or agent(s) to prosecute the above-identified application, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

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The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Dated: 5/25/04 By: CB  
Name: Christopher J. Byrne  
Title: Director of Intellectual Property and Technology  
Licensing  
NATIONAL SEMICONDUCTOR CORPORATION